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Symbol for Separate Collection in European Countries

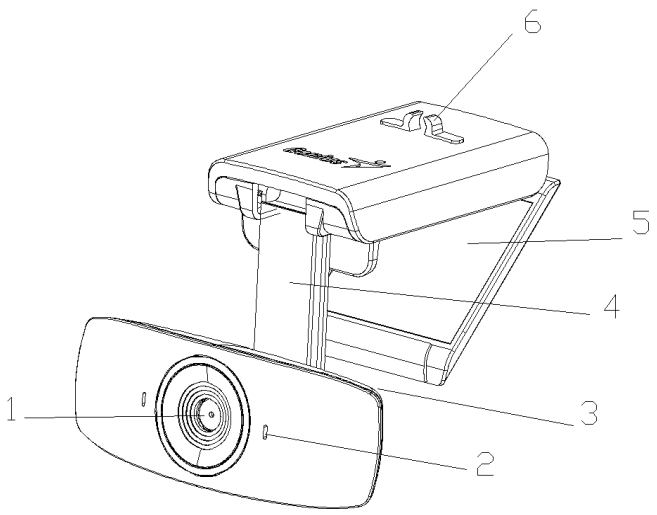
This symbol indicates that this product is to be collected separately.

The following apply only to users in European countries:

- This product is designated for separate collection at an appropriate collection point. Do not dispose of as household waste.
- For more information, contact the retailer or the local authorities in charge of waste management.

FaceCam 1020 Features

Experience true plug and play with FaceCam 1020! Hook it up to a USB port and start video chatting right away! No drivers are needed for this USB Video Class web camera.



1. **Auto Focus Lens**
   Accurate auto focus lens keeps image always clear.
2. **Microphone built in**
3. **Webcam**
   Rotates 360˚, also tilts up and down.
4. **Webcam arm**
   Moves down 90˚.
5. **Clipping Base**
   Adjustable clipping base fits easily to any notebook panel, CRT, or LCD monitor.
6. **Cable clip**
   Attach cable to stand.

Set up the Device

FaceCam 1020 supports UVC (USB Video Class) which can plug and play in Windows 7/Vista/XP SP2 or Mac 10.4.9 and above without using a device driver.

1. Make sure your PC OS system is Windows 7/Vista/XP SP2 or Mac 10.4.9 and above.
2. Plug in the FaceCam 1020 to a USB port.
3. FaceCam 1020 is now ready for use with any application. It can work properly with any video chat software that supports a video feature. If you use Mac OS, you can use iChat for online chatting.

Image Capture under Windows XP SP2 and Vista:

1. Double-click on the My Computer icon. Or click Start → My Computer
2. Now look for and double-click on “USB Video Device”, then you can start to capture still images.

NOTE

- To check if Windows XP system is SP2 (Service Pack 2).
  - Click on the **My Computer** icon on your desktop or in the Windows Start menu.
  - When the menu appears, click **Properties**.
- If your Windows XP system isn’t SP2 (Service Pack 2), go to the website http://www.microsoft.com to upgrade your version.

I.P.M(Image Protection Mechanism) setting

FaceCam 1020 embed I.P.M function. This feature prevents any person trying to hack into your system and use your web cam.

1. When you turn on the web cam, the system will display a dialog box to ask you “Do you want to open the image from web cam?” Press “Yes” to open the image. Any hacker can not turn on your webcam because they can not press “Yes”. This keeps your web cam safe.

2. Every time when you turn the web cam, the system will ask again if you want to prevent any hacker invasion.

Using Instant Messenger Application

■ MSN Messenger

a. For live video function, you’ll need MSN Messenger version 6 or later. If you don’t have it, refer to the website: http://messenger.msn.com to download.

b. Sign onto MSN Messenger service.

c. Choose a friend on the contact list and click “**OK**” to confirm.

d. Double-click on your friends, who are available to chat. Click on the webcam icon.

e. Your friend will then receive an invitation message. When your friend confirms to talk, the video chat will start.

f. For the further information, refer to the website at http://messenger.msn.com

■ Yahoo Messenger

a. Download Yahoo Messenger at http://messenger.yahoo.com and finish the registration, if you don't have it.
b. Sign onto Yahoo Messenger.
c. From the main window, click Tools menu, then select "Start My Webcam".
d. Right-click on a name in your Messenger List and choose "View Webcam".
e. Your friend will then receive an invitation message. When your friend clicks YES, the video chat will start.
f. For the further information, refer to the website at http://messenger.yahoo.com

- **AOL Instant Messenger**

a. You can download AOL Instant Messenger free at http://www.aim.com and finish the registration, if you don't have it.
b. Sign onto AOL Instant Messenger.
c. Click on "Show Messenger Lists" and choose the friend you want to start with video chat.
d. Your friend will then receive an invitation message. When your friend confirms to talk, the video chat will start.
e. For the further information, refer to the website at http://www.aim.com

NOTE

- Make sure you already connected the camera to the computer before running any video conferencing or video chat programs.
- Also make sure you close other webcam programs before running the video conferencing or video chat program.

Using CrazyTalk Cam Suite PRO

As an added bonus, the bundled program - CrazyTalk Cam Suite PRO enriches your video chatting with a lot of fun by following these advanced features.

	Capture still image and video in different resolutions and upload to YouTube directly.
	Continuously changing talking animated characters appear during online video chats with lip-sync movement.
	Change facial expressions or add face accessories and comic stamps to your face during online video chats.

	Shares your favorite video clips and photo slideshows instantly without waiting to download.
	Shows live desktop activity for online presentation, distant training, and software operation.
	Notifies you what happens in front of the webcam while you are away.
	With the Enable Video Chat feature, you may decrease the loading of your system by stopping sending the video data to your IM partner.
	To show the Preference window. You can change the general settings in Preference dialog box.
	Shows the properties window of your web cam driver. The controls provided depend on the drivers respectively.

System Requirements

Make sure that your PC meets the following minimum system requirements before running **CrazyTalk Cam Suite PRO**.

	Minimum	**Recommended**
Hardware		
CPU	Pentium 4, 2.0 GHz	Pentium 4, 3.0 GHz or higher
RAM	256 MB	512 MB or higher
Disk Space	100 MB	200 MB
Accessories	Duplex sound card, VGA card, keyboard, mouse, microphone, speaker	
Software		
Operating System	Windows 2000, XP and Vista	
Instant Messenger	Such as Skype for Windows v3.0 or above	
DirectX	DirectX 9 or above	

Capture

You may click **Snapshot** or **Record** button to capture and share an image or a video of yourself from your webcam.

1	Camera on/off	9	Mixer for music/sound
2	Sketch and Text	10	Background Music
3	Voice Morph	11	Preview
4	Snapshot button	12	Delete
5	Still image resolution	13	Email
6	Video record button	14	YouTube upload
7	Video resolution	15	Thumbnail/List view
8	Volume adjust		

Avatar Live

You can use the selected avatar to have video chats with your friends.

1	**Avatar** You can use default avatars or press more to create your own avatars.
2	**Emoticons** You are able to add different emotive expressions to your avatar along with the sound effect. If you are using video conference, the avatar and emotive animation are both visible to your conferencing partner.
3	**Horizontal Mirror** Tick the Horizontal box to have the camera window flip horizontally so that the avatar moves along with your head more mirror-like.

4	**Reset** Click the **Reset** button to rectify and zoom your avatar to the appropriate size and angle to fit in the camera window.
5	**Preview** You may click the **Preview** button to launch the preview window

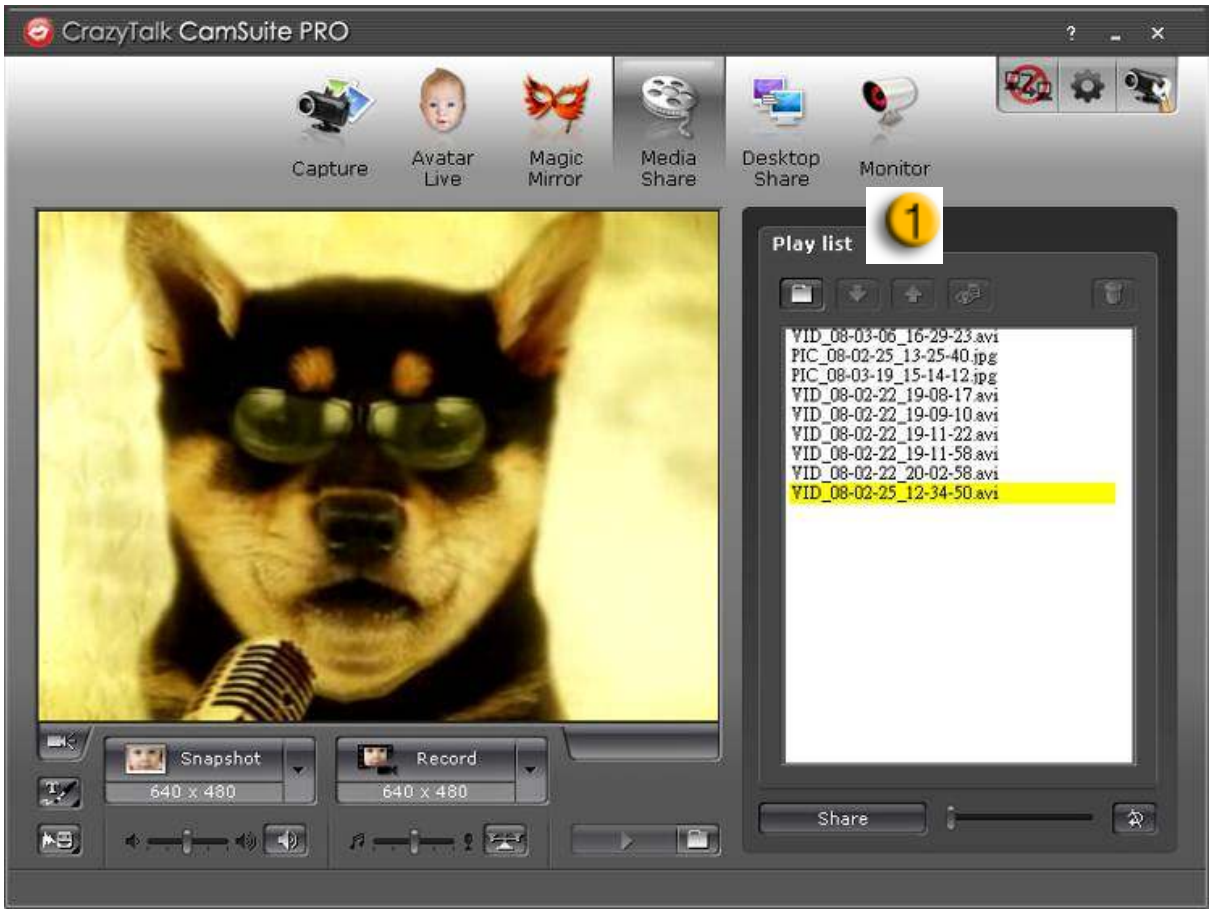
Magic Mirror

You can utilize your own face applied different effects by Magic Mirror and to have video chats with your friends.

1	**Morph** You can change the selected face morph to your face.
2	**Effect** You may add a comic effect to your face.
3	**Preview** Click the **Preview** button to launch the preview window

Media Share

You can share media files without delay during video chats. You may playback multiple media files and have your friends view them simultaneously. The media files can be video files (Mpeg, AVI, WMV) or image files (JPG, BMP, GIF).



1	**Play List**
	Press **Import Files** button to select the files in the folder.
/	Press **Move up** /**Move down** button or drag a file to re-order the list.
Share Stop	Click the **Share** button to play/share the files in the list. The currently playing file will be highlighted. Click the **Stop** button to stop sharing.

	Click the **Preview** button to preview by yourself before sharing
	Click this button to clear the selected files from the list.
	Toggle to **Loop** button if you want to play the files selected in loop.
	Drag the Slider bar to browse the frame of the file currently playing.

Desktop Share

There are three ways to show your desktop activities to your friends when having a video chat.

1	**Share Region** You can share any desired position on your desktop.
2	**Repeat button** Press it to re-activate the last sharing region.
3	**Share window** You can share the desired window on your desktop.
4	**Share full screen** You can share whole screen on your desktop.
5	**Stop** Click the **Stop** button to stop sharing.

Monitor

This function will record movements which are visible to the webcam. An e-mail containing snapshots will be sent to you to notify such event had taken place. The recorded video will be saved in the Gallery folder for you to check later.

①	**Motion sensitivity level** Drag the **Motion sensitivity level** slider to adjust the sensitivity level. The lower the sensitivity level, the less motion will be recorded. That means minor movements will not be recorded.
②	**HD space setting** Since the recorded videos will occupy hard drive space, you can stop recording when HD space is at certain level. You can adjust when you want to stop recording by dragging the slider.
③	**Email notification with snapshot** Check the **Email notification with snapshot** checkbox if you want the snapshot to be sent to you by e-mail. Click **E-mail setting** button to set E-mail address.
④	**Start/Stop Monitor** Click the **Start Monitor** button to start monitoring. Click it again to stop monitoring.

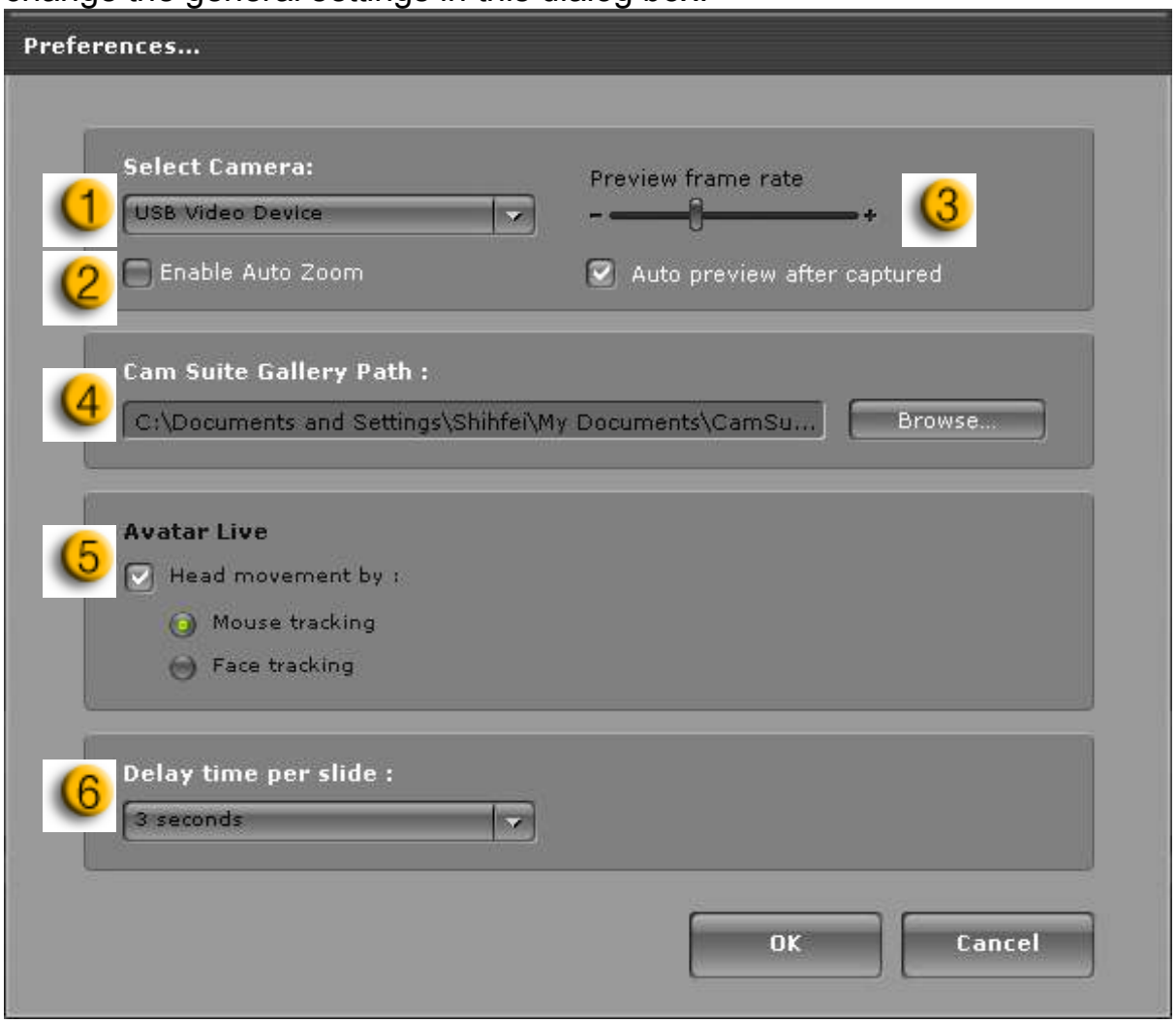
Enable Video Chat

With the **Enable Video Chat** feature, you may decrease the loading of your system by stopping sending the video data to your IM partner.

- This icon indicates that the video chat feature is enabled.
- This icon indicates that the video chat feature is disabled.

Preference

Click the **Preferences** button to show the Preference window. You can change the general settings in this dialog box.



1	**Select Camera** allows you to select your default camera. If you have multiple cameras installed on your PC, you need to select one of them.
2	Check the **Enable auto zoom** so the webcam can detect your face, zoom automatically and self center your face.
3	Check the **Auto preview after captured** box and the preview window pops up, auto-playbacks right after you capture an image or a video.
4	Click **Browse** button to select a folder to store the captured images and videos.
5	This is to set Face/Mouse tracking to trigger the head movement radio button so your avatar's head and eyes will track your head or mouse and move under the Avatar Live function.
6	This is to set the Delay time per slide (second) for each image to last for specific seconds under Media share function.

Camera setting

Click the **Camera Settings** button to show the properties window of your web cam driver. The controls provided depend on the drivers respectively.

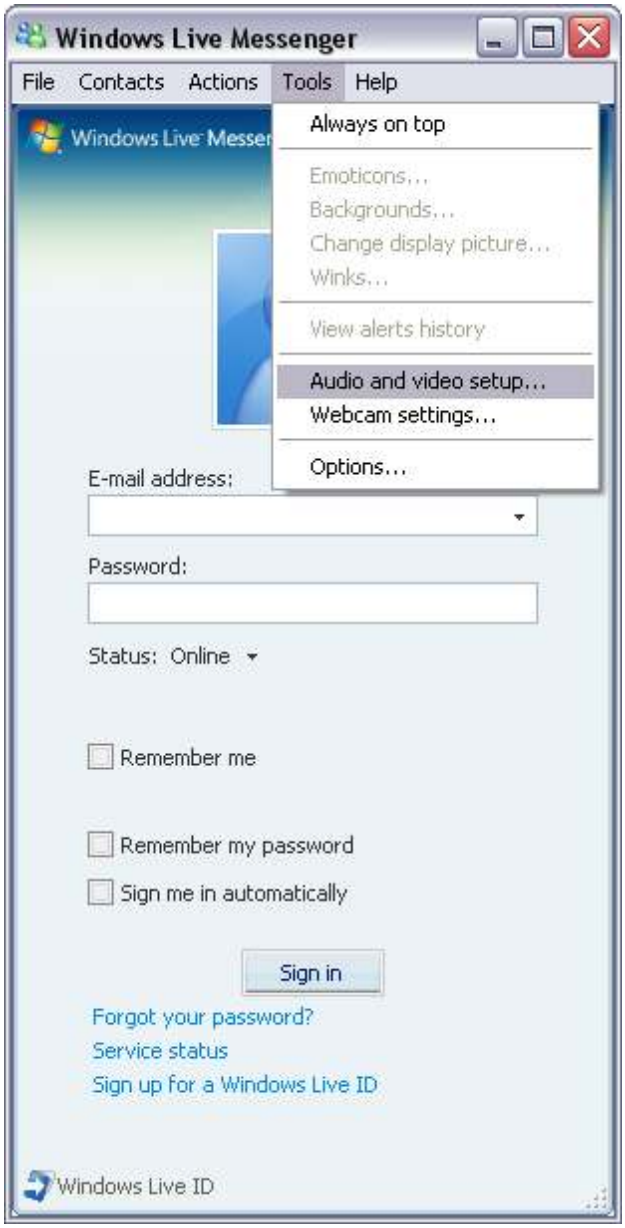
NOTE

- For detailed setting of each function, press ? for online help.

CrazyTalk Cam Suite PRO with IM Application

Window Live Messenger

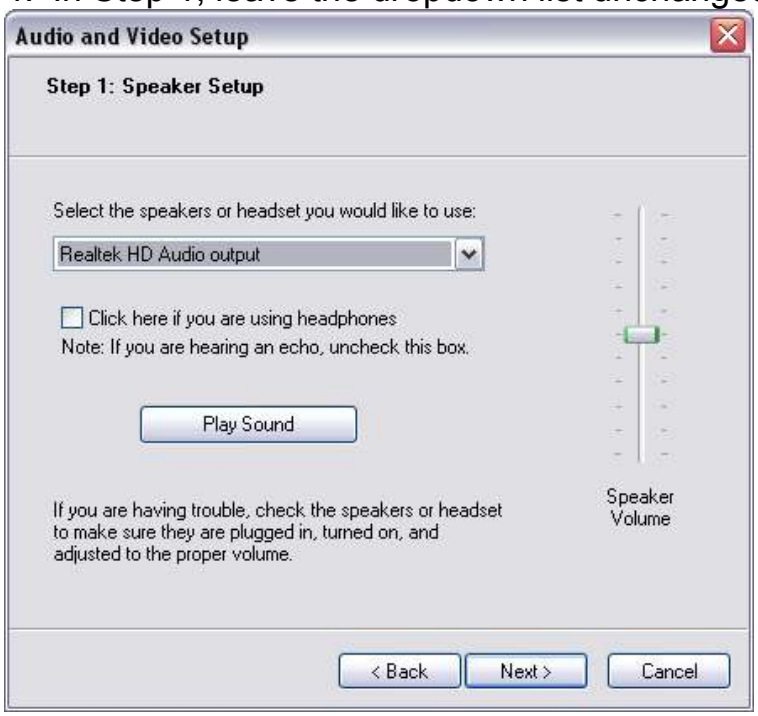
1. Install CrazyTalk Cam Suite PRO and Window Live Messenger.
2. Click Tools/Audio and video setup to open the Audio and Video Setup wizard.



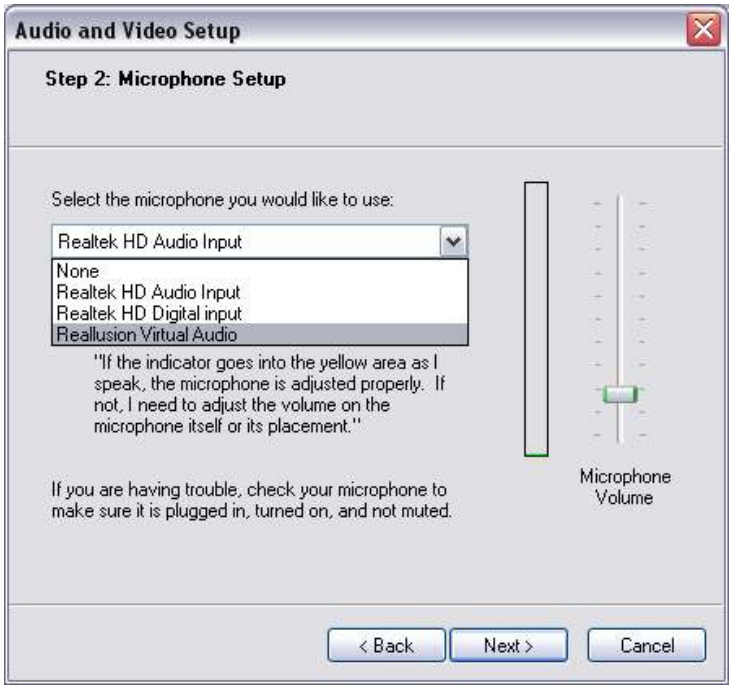
3. Check next button.

Audio and Video Setup
This will help you choose the best speaker, microphone, and webcam settings for your computer.
Getting Started:
1. Close all other programs that play sound or display video.
2. Make sure your speakers, microphone, and webcam are plugged in, turned on, and not muted.
< Back
Next >
Cancel

4. In Step 1, leave the dropdown list unchanged and click **Next** button.


Audio and Video Setup
Step 1: Speaker Setup
Select the speakers or headset you would like to use:
Realtek HD Audio output
Click here if you are using headphones
Note: If you are hearing an echo, uncheck this box.
Play Sound
If you are having trouble, check the speakers or headset to make sure they are plugged in, turned on, and adjusted to the proper volume.
Speaker Volume
< Back
Next >
Cancel

5. In step 2, select **CamSuite Virtual Audio** in the dropdown list. Click **Next** button.

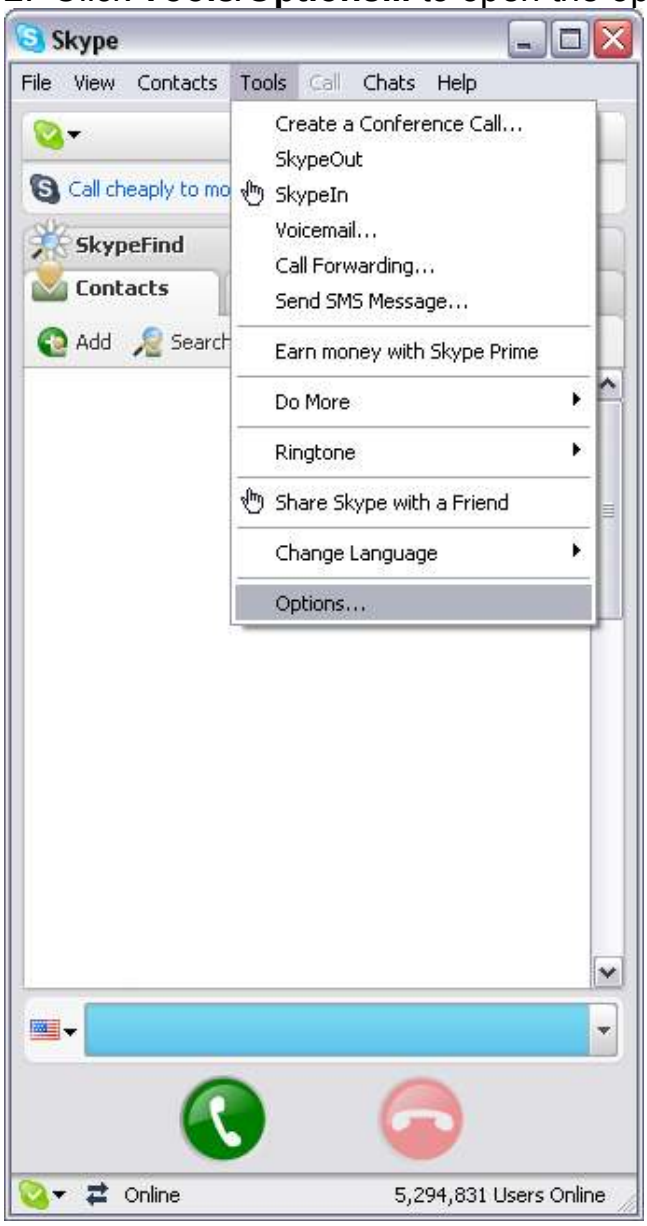

Audio and Video Setup
Step 2: Microphone Setup
Select the microphone you would like to use:
Realtek HD Audio Input
None
Realtek HD Audio Input
Realtek HD Digital input
Reallusion Virtual Audio
"If the indicator goes into the yellow area as I speak, the microphone is adjusted properly. If not, I need to adjust the volume on the microphone itself or its placement."
If you are having trouble, check your microphone to make sure it is plugged in, turned on, and not muted.
Microphone Volume
< Back
Next >
Cancel

6. In step 3, select **CamSuite Virtual Camera** in the dropdown list. Click **Finish** button.

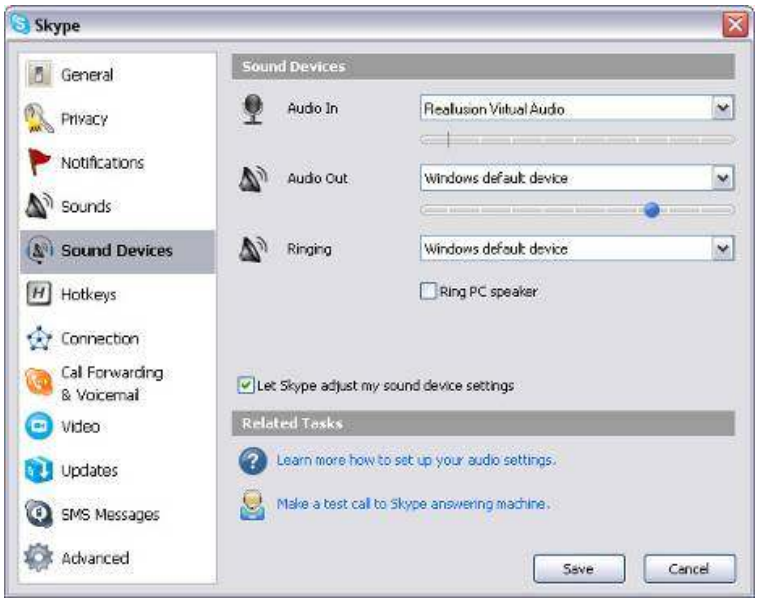
Audio and Video Setup
Step 3: Webcam Setup
Select the webcam you would like to use:
Reallusion Virtual Camera
None
Reallusion Virtual Camera
Adjust the angle and focus of your webcam to make sure the image to the left is what you want.
Options...
< Back
Finish
Cancel

Skype

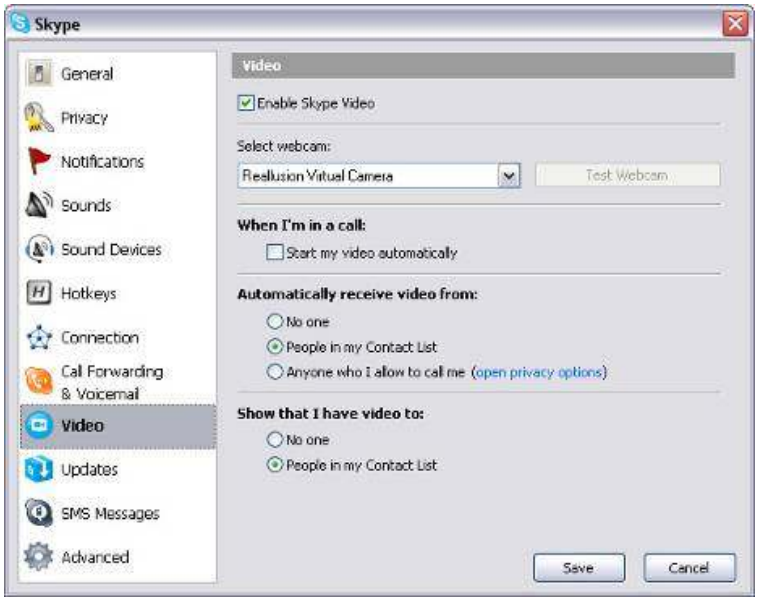
1. Install CrazyTalk Cam Suite PRO and Window Live Messenger.
2. Click **Tools/Options...** to open the option dialog box.



3. Select the **Sound Devices** and set the **Audio In** to **CamSuite Virtual Audio**.



4. Select the **Video** and set the **Select webcam** to **CamSuite Virtual Camera**.



5. Click **Save** button. Your messenger then receives its audio and video sources from **Cam Suite**.

Now, your MSN Messenger and Skype are connected to **CrazyTalk Cam Suite PRO.** Execute this software and you will have effects including Avatar

Live, Magic Mirror, Media Share and Desktop Share that can be seen during your video conference after turn on the **Enable Video Chat** feature .

Trouble shooting

Q1: My computer cannot detect the web camera when connected with an extended USB cable.

Solution:

- Connect the web camera directly to a USB port on your computer. Make sure the web camera is connected to the USB port at the back of your computer. Some USB ports at the front of computers may not supply sufficient power for your web camera.

Q2: Insufficient system resources reserved for the USB port, causing the system to be unable to function.

There are too many devices in the system, causing IRQ problems with the system's USB controller.

Do the following:

- Remove some USB devices from the system.
- Restart the system.
- The computer reallocates resources.

Q3: The web camera does not light up or the computer restarts for no apparent reason.

You may have a USB device drawing too much power from your computer. This can happen especially when connecting USB devices to a passive or self-powered USB hub. A **USB Hub Power Exceeded** dialog box appears.

Try the following:

- Connect the web camera directly to your computer's USB port.
- Use a USB hub with an external power supply.